ELSEVIER

Nuclear Instruments and Methods in Physics Research A 459 (2001) 587–599

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

www.elsevier.nl/locate/nima

Author index

Abdurrahman, N.M., see Lee, Y.-D. . . . 459 (2001) 365

Abe, Y. and N. Morishima, Ultracold and cold neutron cross-sections of liquid helium at low temperatures down to 0.1 K . . . 459 (2001) 256

Abegg, R., see Hutcheon, D.A. . . . 459 (2001) 448

Abernathy, D.L., see Carpenter, J.M. . . . 459 (2001) 221

Adams, B., Proposal for a femtosecond X-ray detector . . . 459 (2001) 339

Agosteo, S., C. Birattari, A. Foglio Para, M. Silari and L. Ulrici, Neutron measurements around a beam dump bombarded by high energy protons and lead ions . . . 459 (2001) 58

Aizza, A., G. Bernacchia, S. Carrato, S. Marsi, G. Cautero and R. Tommasini, An ASIC for multichannel data acquisition systems . . . 459 (2001) 295

Ajimura, S., R.E. Chrien, T. Kishimoto, H. Kohri, K. Matsuoka, M. May, S. Minami, Y.S. Miyake, T. Mori, J. Nakano, H. Noumi, A. Rusek, E. Saji, A. Sakaguchi, Y. Shimizu, M. Sumihama and T. Tamagawa, ^{13}C active target for hypernuclear experiment . . . 459 (2001) 326

Akimoto, T., M. Tamura, J. Ikeda, Y. Aoki, F. Fujita, K. Sato, A. Honma, T. Sawamura, M. Narita and K. Imai, Generation and use of parametric X-rays with an electron linear accelerator . . . 459 (2001) 78

Akimune, H., see Kawabata, T. . . . 459 (2001) 171

Akutsu, D., see Miyata, E. . . . 459 (2001) 157

Alexandrov, K.V., G.C. Barbarino, P. Bernardini, M. Brigida, D. Campana, A. Candela, R. Caruso, F. Cassese, A. Ceres, B. D'Aquino, G. De Cataldo, I. De Mitri, A. Di Credico, C. Favuzzi, P. Fusco, F. Gargano, N. Giglietto, F. Giordano, A. Grillo, F. Guarino, C. Gustavino, E. Lamanna, A. Lauro, A. Leone, F. Loparco, G. Mancarella, D. Martello, M.N. Mazziotta, S. Mikheyev, M. Mongelli, G. Osteria, V. Palladino, G. Passeggio, M. Perchiazzi, G. Pontoniere, A. Rainò, R. Rocco, E. Romanucci, U. Rubizzo, A. Sacchetti, E. Scapparone, P. Spinelli, V. Tikhomirov, A. Vaccina, E. Vanzanella and M. Weber, A transition radiation detector interleaved with low-density targets for the *NOE* experiment . . . 459 (2001) 108

Alexandrov, K.V., G.C. Barbarino, P. Bernardini, M. Brigida, D. Campana, A. Candela, R. Caruso, F. Cassese, A. Ceres, B. D'Aquino, G. De Cataldo, I. De Mitri, A. Di Credico, C. Favuzzi, P. Fusco, F. Gargano, N. Giglietto, F. Giordano, A. Grillo, F. Guarino, A. Lauro, A. Leone, F. Loparco, G. Mancarella, D. Martello, M.N. Mazziotta, M. Mongelli, G. Osteria, V. Palladino, G. Passeggio, M. Perchiazzi, R. Perrino, C. Pinto, G. Pontoriere, A. Rainò, R. Rocco, E. Romanucci, A. Sacchetti, E. Scapparone, P. Spinelli, A. Surdo, V. Tikhomirov, A. Vaccina, E. Vanzanella, A. Zilli and M. Weber, R&D results from the *NOE* scintillating fiber calorimeter . . . 459 (2001) 123

Alexandrov, K.V., M. Ambrosio, V.V. Ammosov, V.P. Antonova, C. Aramo, V. Bonvicini, V.A. Chechin, A.P. Chubenko, V.I. Drobzhev, A.D. Erlykin, M. Fujii, Y. Hatano, S.V. Kryukov, E.A. Ladygin, B.N. Lomonosov, G.I. Merzon, R.A. Mukhamedshin, V.N. Murashov, V.P. Pavlyuchenko, M.I. Panasyuk, T.M. Roganova, A.S. Roussetski, V.A. Ryabov, O.G. Ryazhskaya, T. Saito, H. Sasaki, A.L. Shchepetov, N.M. Sobolevskii, N.I. Starkov, L.G. Sveshnikova, I.S. Trostin, V.A. Tsarev, A. Vacchi, A. Wolfendale, T. Yanagita, G.T. Zatsepin, G.B. Zhdanov and A.P. Zhukov, A new method of ionization-neutron calorimeter for direct investigation of high-energy electrons and primary nuclei of cosmic-rays up to the "knee" region . . . 459 (2001) 135

Ambrosio, M., see Alexandrov, K.V. . . . 459 (2001) 135

Ammosov, V.V., see Alexandrov, K.V. . . . 459 (2001) 135

0168-9002/01/$ - see front matter © 2001 Elsevier Science B.V. All rights reserved.
PII: S0168-9002(01)00113-9

Anton, G., see Zeitler, G. 459 (2001) 6
Antonova, V.P., see Alexandrov, K.V. 459 (2001) 135
Aoki, Y., see Akimoto, T. 459 (2001) 78
Aphecetche, L., H. Delagrange, D.G. d'Enterria, M. Le Guay, X. Li, G. Martínez, M.J. Mora, P. Pichot, D. Roy and Y. Schutz, Two large-area anode-pad MICROMEGAS chambers as the basic elements of a pre-shower detector 459 (2001) 502
Aramo, C., see Alexandrov, K.V. 459 (2001) 135
Arduini, G., M. Giovannozzi, K. Hanke, D. Manglunki and M. Martini, New methods to derive the optical and beam parameters in transport channels 459 (2001) 16
Assoufid, L., see Fernandez, P.B. 459 (2001) 347
Auld, E.G., see Hutcheon, D.A. 459 (2001) 448
Authier, M., see Falletto, N. 459 (2001) 412

Baccaro, S., B. Borgia, M. Castellani, A. Cecilia, I. Dafinei, M. Diemoz, S. Guerra, E. Longo, M. Montecchi, G. Organtini and F. Pellegrino, An automatic device for the quality control of large-scale crystal's production . 459 (2001) 278
Bagulya, A.V. and V.M. Grichine, Detection of X-ray transition radiation by the threshold-efficiency method . 459 (2001) 377
Balabin, A.I. and G.N. Kropachev, Beam focusing by decelerating RF fields in a drift tube linac 459 (2001) 87
Ban, Y., see Ying, J. 459 (2001) 513
Barbarino, G.C., see Alexandrov, K.V. 459 (2001) 108
Barbarino, G.C., see Alexandrov, K.V. 459 (2001) 123
Bautz, M.W., see Mori, K. 459 (2001) 191
Bay, A., see Derré, J. 459 (2001) 523
Baylac, M., see Falletto, N. 459 (2001) 412
Beckedahl, D.A., see Schmid, G.J. 459 (2001) 565
Beltrán, D., J. Bordas, J. Campmany, A. Molins, J.A. Perlas and M. Traveria, An instrument for precision magnetic measurements of large magnetic structures 459 (2001) 285
Bernacchia, G., see Aizza, A. 459 (2001) 295
Bernardini, P., see Alexandrov, K.V. 459 (2001) 108
Bernardini, P., see Alexandrov, K.V. 459 (2001) 123
Bernhardt, Ph., see Demmel, F. 459 (2001) 265
Bertin, P., see Falletto, N. 459 (2001) 412
Bertone, P.F., see Mosher, J. 459 (2001) 532
Birattari, C., see Agosteo, S. 459 (2001) 58
Blair, J.J., see Schmid, G.J. 459 (2001) 565
Block, R.C., see Lee, Y.-D. 459 (2001) 365
Bock, A., see Zeitler, G. 459 (2001) 6
Bonvicini, V., see Alexandrov, K.V. 459 (2001) 135
Bonvicini, V., P. Giubellino, M. Idzik, A. Kolojvari, L.M. Montaño, D. Nouais, C. Petta, N. Randazzo, A. Rashevsky, S. Reito, F. Tosello and A. Vacchi, Beam test of a very large area linear silicon drift detector . . 459 (2001) 494
Bordas, J., see Beltrán, D. 459 (2001) 285
Borgia, B., see Baccaro, S. 459 (2001) 278
Bottai, S. and L. Perrone, Simulation of UHE muons propagation for GEANT3 . . . . . 459 (2001) 319
Bouhali, O., G. De Lentdecker, S. Dewèze, F. Udo, W. Van Doninck, C. Vander Velde, L. Van Lancker, V. Zhukov, I. Boulogne and E. Daubie, The MICROMEGEM detector 459 (2001) 211
Boulogne, I., see Bouhali, O. 459 (2001) 211
Boussaa, N., see Rahab, H. 459 (2001) 200
Boyer, M., see Falletto, N. 459 (2001) 412
Brigida, M., see Alexandrov, K.V. 459 (2001) 108
Brigida, M., see Alexandrov, K.V. 459 (2001) 123
Brönnimann, Ch., see Frlež, E. 459 (2001) 426
Brunton, A.N., see Tremsin, A.S. 459 (2001) 543
Bugeon, F., see Falletto, N. 459 (2001) 412
Burtin, E., see Falletto, N. 459 (2001) 412

Calatroni, S., see Casalbuoni, S. 459 (2001) 469
Campana, D., see Alexandrov, K.V. 459 (2001) 108
Campana, D., see Alexandrov, K.V. 459 (2001) 123

Campmany, J., see Beltrán, D. . . . 459 (2001) 285
Candela, A., see Alexandrov, K.V. . . . 459 (2001) 108
Candela, A., see Alexandrov, K.V. . . . 459 (2001) 123
Carpenter, J.M., K.C. Littrell, D.L. Abernathy and E.B. Iverson, Electronic time-focusing of pulsed-source neutron chopper data: binning to minimize effects of proton pulse and chopper opening time variations . . . 459 (2001) 221
Carrato, S., see Aizza, A. . . . 459 (2001) 295
Caruso, R., see Alexandrov, K.V. . . . 459 (2001) 108
Caruso, R., see Alexandrov, K.V. . . . 459 (2001) 123
Casalbuoni, S., G. Czapek, F. Hasenbalg, M. Hauser, S. Janos, K. Pretzl, S. Calatroni, S. Sgobba and W. Vollenberg, Phase transition study of superheated planar arrays of tin cylinders . . . 459 (2001) 469
Cassese, F., see Alexandrov, K.V. . . . 459 (2001) 108
Cassese, F., see Alexandrov, K.V. . . . 459 (2001) 123
Castellani, M., see Baccaro, S. . . . 459 (2001) 278
Cautero, G., see Aizza, A. . . . 459 (2001) 295
Cavata, C., see Falletto, N. . . . 459 (2001) 412
Cecilia, A., see Baccaro, S. . . . 459 (2001) 278
Ceres, A., see Alexandrov, K.V. . . . 459 (2001) 108
Ceres, A., see Alexandrov, K.V. . . . 459 (2001) 123
Champagne, A.E., see Mosher, J. . . . 459 (2001) 532
Chang, C.C., see Li, H.B. . . . 459 (2001) 93
Chang, C.Y., see Li, H.B. . . . 459 (2001) 93
Chang, Y., see Wang, Z. . . . 459 (2001) 475
Chao, J.H., see Li, H.B. . . . 459 (2001) 93
Chechin, V.A., see Alexandrov, K.V. . . . 459 (2001) 135
Chen, C.P., see Li, H.B. . . . 459 (2001) 93
Chen, J.P., see Falletto, N. . . . 459 (2001) 412
Chen, T., see Ying, J. . . . 459 (2001) 513
Chen, T.Y., see Li, H.B. . . . 459 (2001) 93
Chergui, W., see Rahab, H. . . . 459 (2001) 200
Choi, E., M. Komori, K. Takahisa, N. Kudomi, K. Kume, K. Hayashi, S. Yoshida, H. Ohsumi, H. Ejiri, T. Kishimoto, K. Matsuoka and S. Tasaka, Highly sensitive radon monitor and radon emanation rates for detector components . . . 459 (2001) 177
Chrien, R.E., see Ajimura, S. . . . 459 (2001) 326
Chubenko, A.P., see Alexandrov, K.V. . . . 459 (2001) 135
Churchman, R.M., see Hutcheon, D.A. . . . 459 (2001) 448
Cinausero, M., see Pesente, S. . . . 459 (2001) 577
Cisbani, E., G.M. Urciuoli, S. Frullani, F. Garibaldi, F. Giuliani, D. Gozzi, M. Gricia, M. Iodice, M. Lucentini and F. Santavenere, A neutron detector for cold fusion experiments . . . 459 (2001) 247
Colombel, N., see Falletto, N. . . . 459 (2001) 412
Congretel, G., see Falletto, N. . . . 459 (2001) 412
Coquillard, R., see Falletto, N. . . . 459 (2001) 412
Cosquer, A., see Falletto, N. . . . 459 (2001) 412
Coulloux, G., see Falletto, N. . . . 459 (2001) 412
Couzy, B., see Falletto, N. . . . 459 (2001) 412
Czapek, G., see Casalbuoni, S. . . . 459 (2001) 469

Dafinei, I., see Baccaro, S. . . . 459 (2001) 278
Dagnall, P.J., see Smith, A.G. . . . 459 (2001) 165
D'Aquino, B., see Alexandrov, K.V. . . . 459 (2001) 108
D'Aquino, B., see Alexandrov, K.V. . . . 459 (2001) 123
Daubie, E., see Bouhali, O. . . . 459 (2001) 211
Davis, C.A., see Hutcheon, D.A. . . . 459 (2001) 448
De Cataldo, G., see Alexandrov, K.V. . . . 459 (2001) 108
De Cataldo, G., see Alexandrov, K.V. . . . 459 (2001) 123
Deck, P., see Falletto, N. . . . 459 (2001) 412
Delagrange, H., see Aphecetche, L. . . . 459 (2001) 502
Delbart, A., see Falletto, N. . . . 459 (2001) 412

De Lentdecker, G., see Bouhali, O. . . . 459 (2001) 211
De Mitri, I., see Alexandrov, K.V. . . . 459 (2001) 108
De Mitri, I., see Alexandrov, K.V. . . . 459 (2001) 123
Demmel, F., Ph. Bernhardt, A. Magerl and E. Steichele, Intensity optimisation of a high-resolution ToF diffractometer . . . 459 (2001) 265
d'Enterria, D.G., see Aphecetche, L. . . . 459 (2001) 502
Derré, J., Y. Giomataris, H. Zaccone, A. Bay, J.-P. Perroud and F. Ronga, Spatial resolution in Micromegas detectors . . . 459 (2001) 523
Desforges, D., see Falletto, N. . . . 459 (2001) 412
Dewèze, S., see Bouhali, O. . . . 459 (2001) 211
Di Credico, A., see Alexandrov, K.V. . . . 459 (2001) 108
Di Credico, A., see Alexandrov, K.V. . . . 459 (2001) 123
Diemoz, M., see Baccaro, S. . . . 459 (2001) 278
Donati, A., see Falletto, N. . . . 459 (2001) 412
Doucet, M., J.-P. Fabre, G. Grégoire, J. Panman and P. Zucchelli, Light yield measurements in a liquid scintillator detector with wavelength-shifting fibre readout . . . 459 (2001) 459
Drobzhev, V.I., see Alexandrov, K.V. . . . 459 (2001) 135
Duboué, B., see Falletto, N. . . . 459 (2001) 412

Ejiri, H., see Choi, E. . . . 459 (2001) 177
Eremenko, Yu.A., Yu.G. Kalinin, I.S. Martÿanov, T.Kh. Sadykov and N.N. Zastrozhnova, Multi-channel analog processor with 5×10^5 : 1 dynamic range for registration of interaction at super-high energies in the cosmic rays . . . 459 (2001) 273
Erlykin, A.D., see Alexandrov, K.V. . . . 459 (2001) 135
Escoffier, S., see Falletto, N. . . . 459 (2001) 412

Fabre, J.-P., see Doucet, M. . . . 459 (2001) 459
Fabris, D., see Pesente, S. . . . 459 (2001) 577
Falletto, N., M. Authier, M. Baylac, M. Boyer, F. Bugeon, E. Burtin, C. Cavata, N. Colombel, G. Congretel, R. Coquillard, G. Coulloux, B. Couzy, P. Deck, A. Delbart, D. Desforges, A. Donati, B. Duboué, S. Escoffier, F. Farci, B. Frois, P. Girardot, J. Guillotau, C. Henriot, C. Jeanney, M. Juillard, J.-P. Jorda, P. Legou, D. Lhuillier, Y. Lussignol, Ph. Mangeot, X. Martin, F. Marie, J. Martino, M. Maurier, B. Mazeau, J.F. Millot, F. Molinié, J.-P. Mols, J.-P. Mouly, M. Mur, D. Neyret, T. Pédrol, S. Platchkov, G. Pontet, T. Pussieux, Y. Queinec, Ph. Rebourgeard, J.C. Sellier, G. Tarte, C. Veyssière, A. Zakarian, P. Bertin, A. Cosquer, J.P. Chen, J. Mitchell, J.-M. Mackowski and L. Pinard, Compton scattering off polarized electrons with a high-finesse Fabry–Pérot Cavity at JLab . . . 459 (2001) 412
Farci, F., see Falletto, N. . . . 459 (2001) 412
Favuzzi, C., see Alexandrov, K.V. . . . 459 (2001) 108
Favuzzi, C., see Alexandrov, K.V. . . . 459 (2001) 123
Fernandez, P.B., W.K. Lee, D.M. Mills, G. Tajiri and L. Assoufid, Double-undulator tests of a diamond monochromator at the Advanced Photon Source . . . 459 (2001) 347
Finlay, R.M., see Hutcheon, D.A. . . . 459 (2001) 448
Fioretto, E., see Pesente, S. . . . 459 (2001) 577
Foglio Para, A., see Agosteo, S. . . . 459 (2001) 58
Foster, R., see Mori, K. . . . 459 (2001) 191
Fowler, M.M., see Heil, M. . . . 459 (2001) 229
Fraser, G.W., see Tremsin, A.S. . . . 459 (2001) 543
Frlež, E., Ch. Brönnimann, B. Krause, D. Počanić, D. Renker, S. Ritt, P.L. Slocum, I. Supek and H.P. Wirtz, Light response of pure CsI calorimeter crystals painted with wavelength-shifting lacquer . . . 459 (2001) 426
Frois, B., see Falletto, N. . . . 459 (2001) 412
Frullani, S., see Cisbani, E. . . . 459 (2001) 247
Fryberger, D., A small particle model as a possible explanation of recently reported cavity lights . . . 459 (2001) 29
Fujii, M., see Alexandrov, K.V. . . . 459 (2001) 135
Fujimura, H., see Kawabata, T. . . . 459 (2001) 171
Fujita, F., see Akimoto, T. . . . 459 (2001) 78
Fujita, H., see Kawabata, T. . . . 459 (2001) 171
Fujita, Y., see Kawabata, T. . . . 459 (2001) 171
Fujiwara, M., see Kawabata, T. . . . 459 (2001) 171

Fusco, P., see Alexandrov, K.V. 459 (2001) 108
Fusco, P., see Alexandrov, K.V. 459 (2001) 123

Gai, W. and P. Schoessow, Design and simulation of a high-frequency high-power RF extraction device using a dielectric-loaded waveguide 459 (2001) 1
Gargano, F., see Alexandrov, K.V. 459 (2001) 108
Gargano, F., see Alexandrov, K.V. 459 (2001) 123
Garibaldi, F., see Cisbani, E. 459 (2001) 247
Giglietto, N., see Alexandrov, K.V. 459 (2001) 108
Giglietto, N., see Alexandrov, K.V. 459 (2001) 123
Giomataris, Y., see Derré, J. 459 (2001) 523
Giordano, F., see Alexandrov, K.V. 459 (2001) 108
Giordano, F., see Alexandrov, K.V. 459 (2001) 123
Giovannozzi, M., see Arduini, G. 459 (2001) 16
Girardot, P., see Falletto, N. 459 (2001) 412
Giubellino, P., see Bonvicini, V. 459 (2001) 494
Giuliani, F., see Cisbani, E. 459 (2001) 247
Gozzi, D., see Cisbani, E. 459 (2001) 247
Green, P.W., see Hutcheon, D.A. 459 (2001) 448
Greene, J.P., C.J. Lister, P. Reiter, G.E. Thomas and K.L. Unterzuber, Preparation of thin plastic conductive foils for use in a position-sensitive micro-channel plate detector system 459 (2001) 334
Greeniaus, L.G., see Hutcheon, D.A. 459 (2001) 448
Grégoire, G., see Doucet, M. 459 (2001) 459
Grichine, V.M., see Bagulya, A.V. 459 (2001) 377
Gricia, M., see Cisbani, E. 459 (2001) 247
Grillo, A., see Alexandrov, K.V. 459 (2001) 108
Grillo, A., see Alexandrov, K.V. 459 (2001) 123
Guarino, F., see Alexandrov, K.V. 459 (2001) 108
Guarino, F., see Alexandrov, K.V. 459 (2001) 123
Guerra, S., see Baccaro, S. 459 (2001) 278
Guillotau, J., see Falletto, N. 459 (2001) 412
Gustavino, C., see Alexandrov, K.V. 459 (2001) 108

Haight, R.C., see Heil, M. 459 (2001) 229
Hanke, K., see Arduini, G. 459 (2001) 16
Hara, K., see Kawabata, T. 459 (2001) 171
Harris, D.R., see Lee, Y.-D. 459 (2001) 365
Hasenbalg, F., see Casalbuoni, S. 459 (2001) 469
Hatanaka, K., see Kawabata, T. 459 (2001) 171
Hatano, Y., see Alexandrov, K.V. 459 (2001) 135
Hauser, M., see Casalbuoni, S. 459 (2001) 469
Hayashi, K., see Choi, E. 459 (2001) 177
Hayashida, K., see Mori, K. 459 (2001) 191
He, M., see Li, H.B. 459 (2001) 93
Heil, M., R. Reifarth, M.M. Fowler, R.C. Haight, F. Käppeler, R.S. Rundberg, E.H. Seabury, J.L. Ullmann, J.B. Wilhelmy and K. Wisshak, A 4π BaF_2 detector for (n,γ) cross-section measurements at a spallation neutron source 459 (2001) 229
Helbing, K., see Zeitler, G. 459 (2001) 6
Henderson, R., see Hutcheon, D.A. 459 (2001) 448
Henriot, C., see Falletto, N. 459 (2001) 412
Honma, A., see Akimoto, T. 459 (2001) 78
Honma, T., H.Y. Ogawa, Y. Sano, K. Noda, E. Takada and S. Yamada, Ionization beam-profile monitor at HIMAC 459 (2001) 390
Hosono, K., see Kawabata, T. 459 (2001) 171
Hou, L., see Li, H.B. 459 (2001) 93

Hutcheon, D.A., R. Abegg, E.G. Auld, R.M. Churchman, C.A. Davis, R.M. Finlay, P.W. Green, L.G. Greeniaus, R. Henderson, D.V. Jordan, W. Kellner, E. Korkmaz, A.K. Opper, G.V. O'Rielly, T.A. Porcelli, S.D. Reitzner, G. Sheffer, P.L. Walden and S. Yen, Apparatus for a measurement of charge symmetry breaking in $np \rightarrow d\pi^0$. 459 (2001) 448

Ichikawa, S., see Shibata, M. 459 (2001) 581
Idzik, M., see Bonvicini, V. 459 (2001) 494
Ikeda, J., see Akimoto, T. 459 (2001) 78
Ikeda, T., see Sato, H. 459 (2001) 206
Ikeda, Y., see Shibata, M. 459 (2001) 581
Iliadis, C., see Mosher, J. 459 (2001) 532
Imai, K., see Akimoto, T. 459 (2001) 78
Iodice, M., see Cisbani, E. 459 (2001) 247
Ishii, M., see Kobayashi, M. 459 (2001) 482
Ishikawa, T., see Kawabata, T. 459 (2001) 171
Itoh, M., see Kawabata, T. 459 (2001) 171
Iverson, E.B., see Carpenter, J.M. 459 (2001) 221

Janos, S., see Casalbuoni, S. 459 (2001) 469
Jeanney, C., see Falletto, N. 459 (2001) 412
Jorda, J.-P., see Falletto, N. 459 (2001) 412
Jordan, D.V., see Hutcheon, D.A. 459 (2001) 448
Juillard, M., see Falletto, N. 459 (2001) 412

Kalinin, Yu.G., see Eremenko, Yu.A. 459 (2001) 273
Kamazuka, T., see Miyata, E. 459 (2001) 157
Kamiya, J., see Kawabata, T. 459 (2001) 171
Kammeraad, J.E., see Schmid, G.J. 459 (2001) 565
Käppeler, F., see Heil, M. 459 (2001) 229
Katayama, H., see Mori, K. 459 (2001) 191
Katayama, T., see Tominaka, T. 459 (2001) 398
Kawabata, T., H. Akimune, H. Fujimura, H. Fujita, Y. Fujita, M. Fujiwara, K. Hara, K. Hatanaka, K. Hosono, T. Ishikawa, M. Itoh, J. Kamiya, M. Nakamura, T. Noro, E. Obayashi, H. Sakaguchi, Y. Shimbara, H. Takeda, T. Taki, A. Tamii, H. Toyokawa, N. Tsukahara, M. Uchida, H. Ueno, T. Wakasa, K. Yamasaki, Y. Yasuda, H.P. Yoshida and M. Yosoi, Thin ice target for $^{16}O(p,p')$ experiment 459 (2001) 171
Kawade, K., see Shibata, M. 459 (2001) 581
Kawai, K., see Sato, H. 459 (2001) 206
Kawase, Y., see Shibata, M. 459 (2001) 581
Keffous, A., see Rahab, H. 459 (2001) 200
Kellner, W., see Hutcheon, D.A. 459 (2001) 448
Kiang, G.C., see Li, H.B. 459 (2001) 93
Kishimoto, T., see Choi, E. 459 (2001) 177
Kishimoto, T., see Ajimura, S. 459 (2001) 326
Kissel, S., see Mori, K. 459 (2001) 191
Kitamoto, S., see Mori, K. 459 (2001) 191
Klein, S.R., Localized beampipe heating due to e^- capture and nuclear excitation in heavy ion colliders 459 (2001) 51
Kobayashi, M., S. Sugimoto, Y. Yoshimura, Y. Usuki, M. Ishii, N. Senguttuvan, K. Tanji and M. Nikl, A new heavy and radiation-hard Cherenkov radiator based on $PbWO_4$ 459 (2001) 482
Kohmura, T., see Mori, K. 459 (2001) 191
Kohri, H., see Ajimura, S. 459 (2001) 326
Kojima, Y., see Shibata, M. 459 (2001) 581
Kolojvari, A., see Bonvicini, V. 459 (2001) 494
Komori, M., see Choi, E. 459 (2001) 177
Korkmaz, E., see Hutcheon, D.A. 459 (2001) 448
Koyama, K., see Mori, K. 459 (2001) 191
Krause, B., see Frlež, E. 459 (2001) 426
Kropachev, G.N., see Balabin, A.I. 459 (2001) 87
Kryukov, S.V., see Alexandrov, K.V. 459 (2001) 135

Kudomi, N., see Choi, E. 459 (2001) 177
Kuhn, A., see Schmid, G.J. 459 (2001) 565
Kumagai, N., see Soutome, K. 459 (2001) 66
Kume, K., see Choi, E. 459 (2001) 177

Ladygin, E.A., see Alexandrov, K.V. 459 (2001) 135
Lai, W.P., see Li, H.B. 459 (2001) 93
Lamanna, E., see Alexandrov, K.V. 459 (2001) 108
Lauro, A., see Alexandrov, K.V. 459 (2001) 108
Lauro, A., see Alexandrov, K.V. 459 (2001) 123
Le Guay, M., see Aphecetche, L. 459 (2001) 502
Lee, S.C., see Li, H.B. 459 (2001) 93
Lee, W.K., see Fernandez, P.B. 459 (2001) 347
Lee, Y.-D., R.C. Block, R.E. Slovacek, D.R. Harris and N.M. Abdurrahman, Neutron tomographic fissile assay in spent fuel using the lead slowing down time spectrometer 459 (2001) 365
Legou, P., see Falletto, N. 459 (2001) 412
Leone, A., see Alexandrov, K.V. 459 (2001) 108
Leone, A., see Alexandrov, K.V. 459 (2001) 123
Lhuillier, D., see Falletto, N. 459 (2001) 412
Li, H.B., Y. Liu, C.C. Chang, C.Y. Chang, J.H. Chao, C.P. Chen, T.Y. Chen, M. He, L. Hou, G.C. Kiang, W.P. Lai, S.C. Lee, J. Li, J.G. Lu, Z.P. Mao, H.Y. Sheng, R.F. Su, P.K. Teng, C.W. Wang, S.C. Wang, H.T. Wong, T.R. Yeh, Z.Y. Zhang, D.X. Zhao, S.Q. Zhao, Z.Y. Zhou and B.A. Zhuang, A CsI(Tl) scintillating crystal detector for the studies of low-energy neutrino interactions 459 (2001) 93
Li, J., see Li, H.B. 459 (2001) 93
Li, X., see Aphecetche, L. 459 (2001) 502
Lister, C.J., see Greene, J.P. 459 (2001) 334
Littrell, K.C., see Carpenter, J.M. 459 (2001) 221
Liu, D., see Wang, Z. 459 (2001) 475
Liu, H., T. Omura, M. Watanabe and T. Yamashita, Development of a depth of interaction detector for γ-rays 459 (2001) 182
Liu, H.T., see Ying, J. 459 (2001) 513
Liu, Y., see Li, H.B. 459 (2001) 93
Lomonosov, B.N., see Alexandrov, K.V. 459 (2001) 135
Longo, E., see Baccaro, S. 459 (2001) 278
Loparco, F., see Alexandrov, K.V. 459 (2001) 108
Loparco, F., see Alexandrov, K.V. 459 (2001) 123
Lu, J.G., see Li, H.B. 459 (2001) 93
Lucentini, M., see Cisbani, E. 459 (2001) 247
Lunardon, M., see Pesente, S. 459 (2001) 577
Lussignol, Y., see Falletto, N. 459 (2001) 412

Ma, J.G., see Ying, J. 459 (2001) 513
Mackowski, J.-M., see Falletto, N. 459 (2001) 412
Maekawa, F., see Shibata, M. 459 (2001) 581
Magerl, A., see Demmel, F. 459 (2001) 265
Mancarella, G., see Alexandrov, K.V. 459 (2001) 108
Mancarella, G., see Alexandrov, K.V. 459 (2001) 123
Mangeot, Ph., see Falletto, N. 459 (2001) 412
Manglunki, D., see Arduini, G. 459 (2001) 16
Mao, Z.P., see Li, H.B. 459 (2001) 93
Marie, F., see Falletto, N. 459 (2001) 412
Marsi, S., see Aizza, A. 459 (2001) 295
Martỳanov, I.S., see Eremenko, Yu.A. 459 (2001) 273
Martello, D., see Alexandrov, K.V. 459 (2001) 108
Martello, D., see Alexandrov, K.V. 459 (2001) 123
Martin, X., see Falletto, N. 459 (2001) 412
Martini, M., see Arduini, G. 459 (2001) 16
Martino, J., see Falletto, N. 459 (2001) 412

Martínez, G., see Aphecetche, L. . . . 459 (2001) 502
Matsuoka, K., see Choi, E. . . . 459 (2001) 177
Matsuoka, K., see Ajimura, S. . . . 459 (2001) 326
Maurier, M., see Falletto, N. . . . 459 (2001) 412
May, M., see Ajimura, S. . . . 459 (2001) 326
Mazeau, B., see Falletto, N. . . . 459 (2001) 412
Mazziotta, M.N., see Alexandrov, K.V. . . . 459 (2001) 108
Mazziotta, M.N., see Alexandrov, K.V. . . . 459 (2001) 123
Menari, H., see Rahab, H. . . . 459 (2001) 200
Menezes, T. and E.J. Morton, A preamplifier with digital output for semiconductor detectors . . . 459 (2001) 303
Merzon, G.I., see Alexandrov, K.V. . . . 459 (2001) 135
Michel, T., see Zeitler, G. . . . 459 (2001) 6
Mikheyev, S., see Alexandrov, K.V. . . . 459 (2001) 108
Millot, J.F., see Falletto, N. . . . 459 (2001) 412
Mills, D.M., see Fernandez, P.B. . . . 459 (2001) 347
Minami, S., see Ajimura, S. . . . 459 (2001) 326
Mitchell, J., see Falletto, N. . . . 459 (2001) 412
Miyake, Y.S., see Ajimura, S. . . . 459 (2001) 326
Miyasaka, H., see Sato, H. . . . 459 (2001) 206
Miyata, E., C. Natsukari, D. Akutsu, T. Kamazuka, M. Nomachi and M. Ozaki, Fast and flexible CCD-driver system using fast DAC and FPGA . . . 459 (2001) 157
Miyata, E., see Mori, K. . . . 459 (2001) 191
Molinié, F., see Falletto, N. . . . 459 (2001) 412
Molins, A., see Beltrán, D. . . . 459 (2001) 285
Mols, J.-P., see Falletto, N. . . . 459 (2001) 412
Mongelli, M., see Alexandrov, K.V. . . . 459 (2001) 108
Mongelli, M., see Alexandrov, K.V. . . . 459 (2001) 123
Montaño, L.M., see Bonvicini, V. . . . 459 (2001) 494
Montecchi, M., see Baccaro, S. . . . 459 (2001) 278
Mora, M.J., see Aphecetche, L. . . . 459 (2001) 502
Mori, K., M. Shouho, H. Katayama, S. Kitamoto, H. Tsunemi, K. Hayashida, E. Miyata, M. Ohta, T. Kohmura, K. Koyama, M.W. Bautz, R. Foster and S. Kissel, Measurement of the response characteristics around K absorption edges of dead-layer materials of a charge-coupled device . . . 459 (2001) 191
Mori, T., see Ajimura, S. . . . 459 (2001) 326
Morimoto, K., see Sato, H. . . . 459 (2001) 206
Morishima, N., see Abe, Y. . . . 459 (2001) 256
Morton, E.J., see Menezes, T. . . . 459 (2001) 303
Mosher, J., C. Iliadis, P.F. Bertone, A.E. Champagne, J.G. Ross and A. Stephan, Nuclear recoil detection with microchannel plates . . . 459 (2001) 532
Mouly, J.-P., see Falletto, N. . . . 459 (2001) 412
Mukhamedshin, R.A., see Alexandrov, K.V. . . . 459 (2001) 135
Mur, M., see Falletto, N. . . . 459 (2001) 412
Murashov, V.N., see Alexandrov, K.V. . . . 459 (2001) 135

Nakamura, M., see Kawabata, T. . . . 459 (2001) 171
Nakane, Y. and Y. Sakamoto, Measurement of absorbed dose distributions in a plastic phantom irradiated by 40- and 65-MeV quasi-monoenergetic neutrons . . . 459 (2001) 552
Nakano, J., see Ajimura, S. . . . 459 (2001) 326
Narita, M., see Akimoto, T. . . . 459 (2001) 78
Natsukari, C., see Miyata, E. . . . 459 (2001) 157
Naumann, J., see Zeitler, G. . . . 459 (2001) 6
Nebbia, G., see Pesente, S. . . . 459 (2001) 577
Neyret, D., see Falletto, N. . . . 459 (2001) 412
Nichols, A.P., see Tremsin, A.S. . . . 459 (2001) 543
Nikl, M., see Kobayashi, M. . . . 459 (2001) 482
Noda, K., see Honma, T. . . . 459 (2001) 390
Nomachi, M., see Miyata, E. . . . 459 (2001) 157

Noro, T., see Kawabata, T. . . . 459 (2001) 171
Nouais, D., see Bonvicini, V. . . . 459 (2001) 494
Noumi, H., see Ajimura, S. . . . 459 (2001) 326

Obayashi, E., see Kawabata, T. . . . 459 (2001) 171
Ogawa, H.Y., see Honma, T. . . . 459 (2001) 390
Ohkuma, H., see Soutome, K. . . . 459 (2001) 66
Ohsumi, H., see Choi, E. . . . 459 (2001) 177
Ohta, M., see Mori, K. . . . 459 (2001) 191
Okamura, M., see Tominaka, T. . . . 459 (2001) 398
Oku, T., see Sato, H. . . . 459 (2001) 206
Okusawa, T., Y. Sasayama, M. Yamasaki and T. Yoshida, Readout of a 3 m long scintillating fiber by an avalanche photodiode . . . 459 (2001) 440
Omura, T., see Liu, H. . . . 459 (2001) 182
Ootani, W., see Sato, H. . . . 459 (2001) 206
Opper, A.K., see Hutcheon, D.A. . . . 459 (2001) 448
Organtini, G., see Baccaro, S. . . . 459 (2001) 278
O'Rielly, G.V., see Hutcheon, D.A. . . . 459 (2001) 448
Osteria, G., see Alexandrov, K.V. . . . 459 (2001) 108
Osteria, G., see Alexandrov, K.V. . . . 459 (2001) 123
Otani, C., see Sato, H. . . . 459 (2001) 206
Owens, A., see Tremsin, A.S. . . . 459 (2001) 543
Ozaki, M., see Miyata, E. . . . 459 (2001) 157

Palladino, V., see Alexandrov, K.V. . . . 459 (2001) 108
Palladino, V., see Alexandrov, K.V. . . . 459 (2001) 123
Panasyuk, M.I., see Alexandrov, K.V. . . . 459 (2001) 135
Panman, J., see Doucet, M. . . . 459 (2001) 459
Passeggio, G., see Alexandrov, K.V. . . . 459 (2001) 108
Passeggio, G., see Alexandrov, K.V. . . . 459 (2001) 123
Pavlyuchenko, V.P., see Alexandrov, K.V. . . . 459 (2001) 135
Pearson, J.F., see Tremsin, A.S. . . . 459 (2001) 543
Pédrol, T., see Falletto, N. . . . 459 (2001) 412
Peele, A.G., Deconvolution of an extended object viewed by a lobster-eye telescope . . . 459 (2001) 354
Pellegrino, F., see Baccaro, S. . . . 459 (2001) 278
Perchiazzi, M., see Alexandrov, K.V. . . . 459 (2001) 108
Perchiazzi, M., see Alexandrov, K.V. . . . 459 (2001) 123
Perlas, J.A., see Beltrán, D. . . . 459 (2001) 285
Perrino, R., see Alexandrov, K.V. . . . 459 (2001) 123
Perrone, L., see Bottai, S. . . . 459 (2001) 319
Perroud, J.-P., see Derré, J. . . . 459 (2001) 523
Pesente, S., M. Cinausero, D. Fabris, E. Fioretto, M. Lunardon, G. Nebbia, G. Prete and G. Viesti, Effects of soil moisture on the detection of buried explosives by radiative neutron capture . . . 459 (2001) 577
Petta, C., see Bonvicini, V. . . . 459 (2001) 494
Pichot, P., see Aphecetche, L. . . . 459 (2001) 502
Pinard, L., see Falletto, N. . . . 459 (2001) 412
Pinto, C., see Alexandrov, K.V. . . . 459 (2001) 123
Platchkov, S., see Falletto, N. . . . 459 (2001) 412
Počanić, D., see Frlež, E. . . . 459 (2001) 426
Pontet, G., see Falletto, N. . . . 459 (2001) 412
Pontoniere, G., see Alexandrov, K.V. . . . 459 (2001) 108
Pontoriere, G., see Alexandrov, K.V. . . . 459 (2001) 123
Porcelli, T.A., see Hutcheon, D.A. . . . 459 (2001) 448
Prete, G., see Pesente, S. . . . 459 (2001) 577
Pretzl, K., see Casalbuoni, S. . . . 459 (2001) 469
Pussieux, T., see Falletto, N. . . . 459 (2001) 412

Qian, S.J., see Ying, J. . . . 459 (2001) 513
Queinec, Y., see Falletto, N. . . . 459 (2001) 412

Rahab, H., A. Keffous, H. Menari, W. Chergui and N. Boussaa, Surface barrier detectors using aluminum on n- and p-type silicon for α-spectroscopy . . . 459 (2001) 200
Rainò, A., see Alexandrov, K.V. . . . 459 (2001) 108
Rainò, A., see Alexandrov, K.V. . . . 459 (2001) 123
Randazzo, N., see Bonvicini, V. . . . 459 (2001) 494
Rashevsky, A., see Bonvicini, V. . . . 459 (2001) 494
Rebourgeard, Ph., see Falletto, N. . . . 459 (2001) 412
Reifarth, R., see Heil, M. . . . 459 (2001) 229
Reiter, P., see Greene, J.P. . . . 459 (2001) 334
Reito, S., see Bonvicini, V. . . . 459 (2001) 494
Reitzner, S.D., see Hutcheon, D.A. . . . 459 (2001) 448
Renker, D., see Frlež, E. . . . 459 (2001) 426
Ritt, S., see Frlež, E. . . . 459 (2001) 426
Robinson, S.D., see Smith, A.G. . . . 459 (2001) 165
Rocco, R., see Alexandrov, K.V. . . . 459 (2001) 108
Rocco, R., see Alexandrov, K.V. . . . 459 (2001) 123
Roganova, T.M., see Alexandrov, K.V. . . . 459 (2001) 135
Romanucci, E., see Alexandrov, K.V. . . . 459 (2001) 108
Romanucci, E., see Alexandrov, K.V. . . . 459 (2001) 123
Ronga, F., see Derrè, J. . . . 459 (2001) 523
Ross, J.G., see Mosher, J. . . . 459 (2001) 532
Roussetski, A.S., see Alexandrov, K.V. . . . 459 (2001) 135
Roy, D., see Aphecetche, L. . . . 459 (2001) 502
Rubizzo, U., see Alexandrov, K.V. . . . 459 (2001) 108
Rundberg, R.S., see Heil, M. . . . 459 (2001) 229
Rusek, A., see Ajimura, S. . . . 459 (2001) 326
Ryabov, V.A., see Alexandrov, K.V. . . . 459 (2001) 135
Ryazhskaya, O.G., see Alexandrov, K.V. . . . 459 (2001) 135

Sacchetti, A., see Alexandrov, K.V. . . . 459 (2001) 108
Sacchetti, A., see Alexandrov, K.V. . . . 459 (2001) 123
Sadykov, T.Kh., see Eremenko, Yu.A. . . . 459 (2001) 273
Saito, T., see Alexandrov, K.V. . . . 459 (2001) 135
Saji, E., see Ajimura, S. . . . 459 (2001) 326
Sakaguchi, A., see Ajimura, S. . . . 459 (2001) 326
Sakaguchi, H., see Kawabata, T. . . . 459 (2001) 171
Sakamoto, Y., see Nakane, Y. . . . 459 (2001) 552
Sano, Y., see Honma, T. . . . 459 (2001) 390
Santavenere, F., see Cisbani, E. . . . 459 (2001) 247
Sasaki, H., see Alexandrov, K.V. . . . 459 (2001) 135
Sasayama, Y., see Okusawa, T. . . . 459 (2001) 440
Sato, H., T. Ikeda, K. Kawai, H. Miyasaka, T. Oku, W. Ootani, C. Otani, H.M. Shimizu, Y. Takizawa, H. Watanabe, K. Morimoto and F. Tokanai, Detection of heavy ions by a superconducting tunnel junction . . . 459 (2001) 206
Sato, K., see Akimoto, T. . . . 459 (2001) 78
Sauer, M., see Zeitler, G. . . . 459 (2001) 6
Sawamura, T., see Akimoto, T. . . . 459 (2001) 78
Scapparone, E., see Alexandrov, K.V. . . . 459 (2001) 108
Scapparone, E., see Alexandrov, K.V. . . . 459 (2001) 123
Schmid, G.J., D.A. Beckedahl, J.E. Kammeraad, J.J. Blair, K. Vetter and A. Kuhn, Gamma-ray Compton camera imaging with a segmented HPGe . . . 459 (2001) 565
Schoessow, P., see Gai, W. . . . 459 (2001) 1
Schutz, Y., see Aphecetche, L. . . . 459 (2001) 502
Seabury, E.H., see Heil, M. . . . 459 (2001) 229
Sellier, J.C., see Falletto, N. . . . 459 (2001) 412

Senguttuvan, N., see Kobayashi, M. 459 (2001) 482
Sgobba, S., see Casalbuoni, S. 459 (2001) 469
Shchepetov, A.L., see Alexandrov, K.V. 459 (2001) 135
Sheffer, G., see Hutcheon, D.A. 459 (2001) 448
Sheng, H.Y., see Li, H.B. 459 (2001) 93
Shibata, M., Y. Kojima, H. Uno, K. Kawade, A. Taniguchi, Y. Kawase, S. Ichikawa, F. Maekawa and Y. Ikeda, Application of a total absorption detector to Q_β determination without the knowledge of the decay scheme . 459 (2001) 581
Shimbara, Y., see Kawabata, T. 459 (2001) 171
Shimizu, H.M., see Sato, H. 459 (2001) 206
Shimizu, Y., see Ajimura, S. 459 (2001) 326
Shouho, M., see Mori, K. 459 (2001) 191
Silari, M., see Agosteo, S. 459 (2001) 58
Slocum, P.L., see Frlež, E. 459 (2001) 426
Slovacek, R.E., see Lee, Y.-D. 459 (2001) 365
Smith, A.G., P.J. Dagnall, S.D. Robinson, R.M. Wall and J.N. Wilson, Searching γ-ray coincidence cubes for independent decay sequences 459 (2001) 165
Sobolevskii, N.M., see Alexandrov, K.V. 459 (2001) 135
Soutome, K., H. Tanaka, M. Takao, H. Ohkuma and N. Kumagai, Estimation and measurement of effective beam position monitor offsets by using a stored beam 459 (2001) 66
Speckner, T., see Zeitler, G. 459 (2001) 6
Spinelli, P., see Alexandrov, K.V. 459 (2001) 108
Spinelli, P., see Alexandrov, K.V. 459 (2001) 123
Starkov, N.I., see Alexandrov, K.V. 459 (2001) 135
Steichele, E., see Demmel, F. 459 (2001) 265
Stephan, A., see Mosher, J. 459 (2001) 532
Su, R.F., see Li, H.B. 459 (2001) 93
Sugimoto, S., see Kobayashi, M. 459 (2001) 482
Sumihama, M., see Ajimura, S. 459 (2001) 326
Supek, I., see Frlež, E. 459 (2001) 426
Surdo, A., see Alexandrov, K.V. 459 (2001) 123
Sveshnikova, L.G., see Alexandrov, K.V. 459 (2001) 135

Tajiri, G., see Fernandez, P.B. 459 (2001) 347
Takada, E., see Honma, T. 459 (2001) 390
Takahisa, K., see Choi, E. 459 (2001) 177
Takao, M., see Soutome, K. 459 (2001) 66
Takeda, H., see Kawabata, T. 459 (2001) 171
Taki, T., see Kawabata, T. 459 (2001) 171
Takizawa, Y., see Sato, H. 459 (2001) 206
Tamagawa, T., see Ajimura, S. 459 (2001) 326
Tamii, A., see Kawabata, T. 459 (2001) 171
Tamura, M., see Akimoto, T. 459 (2001) 78
Tanaka, H., see Soutome, K. 459 (2001) 66
Taniguchi, A., see Shibata, M. 459 (2001) 581
Tanji, K., see Kobayashi, M. 459 (2001) 482
Tarte, G., see Falletto, N. 459 (2001) 412
Tasaka, S., see Choi, E. 459 (2001) 177
Teng, P.K., see Li, H.B. 459 (2001) 93
Thomas, G.E., see Greene, J.P. 459 (2001) 334
Tikhomirov, V., see Alexandrov, K.V. 459 (2001) 108
Tikhomirov, V., see Alexandrov, K.V. 459 (2001) 123
Tokanai, F., see Sato, H. 459 (2001) 206
Tominaka, T., M. Okamura and T. Katayama, Analytical field calculation of helical coils 459 (2001) 398
Tommasini, R., see Aizza, A. 459 (2001) 295
Tosello, F., see Bonvicini, V. 459 (2001) 494
Toyokawa, H., see Kawabata, T. 459 (2001) 171
Traveria, M., see Beltrán, D. 459 (2001) 285

Tremsin, A.S., J.F. Pearson, A.P. Nichols, A. Owens, A.N. Brunton and G.W. Fraser, X-ray-induced radiation damage in CsI, Gadox, Y_2O_2S and Y_2O_3 thin films . . . 459 (2001) 543
Trostin, I.S., see Alexandrov, K.V. . . . 459 (2001) 135
Tsarev, V.A., see Alexandrov, K.V. . . . 459 (2001) 135
Tsukahara, N., see Kawabata, T. . . . 459 (2001) 171
Tsunemi, H., see Mori, K. . . . 459 (2001) 191

Uchida, M., see Kawabata, T. . . . 459 (2001) 171
Udo, F., see Bouhali, O. . . . 459 (2001) 211
Ueno, H., see Kawabata, T. . . . 459 (2001) 171
Ullmann, J.L., see Heil, M. . . . 459 (2001) 229
Ulrici, L., see Agosteo, S. . . . 459 (2001) 58
Uno, H., see Shibata, M. . . . 459 (2001) 581
Unterzuber, K.L., see Greene, J.P. . . . 459 (2001) 334
Urciuoli, G.M., see Cisbani, E. . . . 459 (2001) 247
Usuki, Y., see Kobayashi, M. . . . 459 (2001) 482

Vacchi, A., see Alexandrov, K.V. . . . 459 (2001) 135
Vacchi, A., see Bonvicini, V. . . . 459 (2001) 494
Vaccina, A., see Alexandrov, K.V. . . . 459 (2001) 108
Vaccina, A., see Alexandrov, K.V. . . . 459 (2001) 123
Vander Velde, C., see Bouhali, O. . . . 459 (2001) 211
Van Doninck, W., see Bouhali, O. . . . 459 (2001) 211
Van Lancker, L., see Bouhali, O. . . . 459 (2001) 211
Vanzanella, E., see Alexandrov, K.V. . . . 459 (2001) 108
Vanzanella, E., see Alexandrov, K.V. . . . 459 (2001) 123
Vetter, K., see Schmid, G.J. . . . 459 (2001) 565
Veyssière, C., see Falletto, N. . . . 459 (2001) 412
Viesti, G., see Pesente, S. . . . 459 (2001) 577
Vollenberg, W., see Casalbuoni, S. . . . 459 (2001) 469

Wakasa, T., see Kawabata, T. . . . 459 (2001) 171
Walden, P.L., see Hutcheon, D.A. . . . 459 (2001) 448
Wall, R.M., see Smith, A.G. . . . 459 (2001) 165
Wang, C.W., see Li, H.B. . . . 459 (2001) 93
Wang, J.G. and S.Y. Zhang, Measurement of coupling impedance of accelerator devices with the wire-method . . . 459 (2001) 381
Wang, S.C., see Li, H.B. . . . 459 (2001) 93
Wang, Z., X. Zhang, Y. Chang and D. Liu, The determination of ^{125}I activity using sum-peak method with a well-type HPGe-detector-based spectrometer . . . 459 (2001) 475
Watanabe, H., see Sato, H. . . . 459 (2001) 206
Watanabe, M., see Liu, H. . . . 459 (2001) 182
Weber, M., see Alexandrov, K.V. . . . 459 (2001) 108
Weber, M., see Alexandrov, K.V. . . . 459 (2001) 123
Wilhelmy, J.B., see Heil, M. . . . 459 (2001) 229
Wilson, J.N., see Smith, A.G. . . . 459 (2001) 165
Wirtz, H.P., see Frleż, E. . . . 459 (2001) 426
Wisshak, K., see Heil, M. . . . 459 (2001) 229
Wolfendale, A., see Alexandrov, K.V. . . . 459 (2001) 135
Wong, H.T., see Li, H.B. . . . 459 (2001) 93

Yamada, S., see Honma, T. . . . 459 (2001) 390
Yamasaki, K., see Kawabata, T. . . . 459 (2001) 171
Yamasaki, M., see Okusawa, T. . . . 459 (2001) 440
Yamashita, T., see Liu, H. . . . 459 (2001) 182
Yanagita, T., see Alexandrov, K.V. . . . 459 (2001) 135
Yasuda, Y., see Kawabata, T. . . . 459 (2001) 171
Ye, Y.L., see Ying, J. . . . 459 (2001) 513

Yeh, T.R., see Li, H.B. 459 (2001) 93
Yen, S., see Hutcheon, D.A. 459 (2001) 448
Ying, J., Y.L. Ye, Y. Ban, H.T. Liu, Z.M. Zhu, Z.Y. Zhu, T. Chen, J.G. Ma and S.J. Qian, Beam test results of a resistive plate chamber made of Chinese bakelites 459 (2001) 513
Yoshida, H.P., see Kawabata, T. 459 (2001) 171
Yoshida, S., see Choi, E. 459 (2001) 177
Yoshida, T., see Okusawa, T. 459 (2001) 440
Yoshimura, Y., see Kobayashi, M. 459 (2001) 482
Yosoi, M., see Kawabata, T. 459 (2001) 171

Zaccone, H., see Derré, J. 459 (2001) 523
Zakarian, A., see Falletto, N. 459 (2001) 412
Zastrozhnova, N.N., see Eremenko, Yu.A. 459 (2001) 273
Zatsepin, G.T., see Alexandrov, K.V. 459 (2001) 135
Zeitler, G., G. Anton, A. Bock, K. Helbing, T. Michel, J. Naumann, M. Sauer and T. Speckner, An active collimator system for a high-energy photon beam 459 (2001) 6
Zhang, S.Y., see Wang, J.G. 459 (2001) 381
Zhang, X., see Wang, Z. 459 (2001) 475
Zhang, Z.Y., see Li, H.B. 459 (2001) 93
Zhao, D.X., see Li, H.B. 459 (2001) 93
Zhao, S.Q., see Li, H.B. 459 (2001) 93
Zhdanov, G.B., see Alexandrov, K.V. 459 (2001) 135
Zhou, Z.Y., see Li, H.B. 459 (2001) 93
Zhu, Z.M., see Ying, J. 459 (2001) 513
Zhu, Z.Y., see Ying, J. 459 (2001) 513
Zhuang, B.A., see Li, H.B. 459 (2001) 93
Zhukov, A.P., see Alexandrov, K.V. 459 (2001) 135
Zhukov, V., see Bouhali, O. 459 (2001) 211
Zilli, A., see Alexandrov, K.V. 459 (2001) 123
Zubarev, A.V., New inflector for axial injection in cyclotron 459 (2001) 44
Zucchelli, P., see Doucet, M. 459 (2001) 459

ELSEVIER Nuclear Instruments and Methods in Physics Research A 459 (2001) 600–604

NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A

www.elsevier.nl/locate/nima

Subject index

Accelerators, Beam Handling and Targets

Design and simulation of a high-frequency high-power RF extraction device using a dielectric-loaded waveguide, W. Gai and P. Schoessow 459 (2001) 1

An active collimator system for a high-energy photon beam, G. Zeitler, G. Anton, A. Bock, K. Helbing, T. Michel, J. Naumann, M. Sauer and T. Speckner 459 (2001) 6

New methods to derive the optical and beam parameters in transport channels, G. Arduini, M. Giovannozzi, K. Hanke, D. Manglunki and M. Martini 459 (2001) 16

A small particle model as a possible explanation of recently reported cavity lights, D. Fryberger 459 (2001) 29

New inflector for axial injection in cyclotron, A.V. Zubarev 459 (2001) 44

Localized beampipe heating due to e^- capture and nuclear excitation in heavy ion colliders, S.R. Klein 459 (2001) 51

Neutron measurements around a beam dump bombarded by high energy protons and lead ions, S. Agosteo, C. Birattari, A. Foglio Para, M. Silari and L. Ulrici 459 (2001) 58

Estimation and measurement of effective beam position monitor offsets by using a stored beam, K. Soutome, H. Tanaka, M. Takao, H. Ohkuma and N. Kumagai 459 (2001) 66

Generation and use of parametric X-rays with an electron linear accelerator, T. Akimoto, M. Tamura, J. Ikeda, Y. Aoki, F. Fujita, K. Sato, A. Honma, T. Sawamura, M. Narita and K. Imai 459 (2001) 78

Beam focusing by decelerating RF fields in a drift tube linac, A.I. Balabin and G.N. Kropachev 459 (2001) 87

Measurement of coupling impedance of accelerator devices with the wire-method, J.G. Wang and S.Y. Zhang . 459 (2001) 381

Ionization beam-profile monitor at HIMAC, T. Honma, H.Y. Ogawa, Y. Sano, K. Noda, E. Takada and S. Yamada 459 (2001) 390

Analytical field calculation of helical coils, T. Tominaka, M. Okamura and T. Katayama 459 (2001) 398

Compton scattering off polarized electrons with a high-finesse Fabry–Pérot Cavity at JLab, N. Falletto, M. Authier, M. Baylac, M. Boyer, F. Bugeon, E. Burtin, C. Cavata, N. Colombel, G. Congretel, R. Coquillard, G. Coulloux, B. Couzy, P. Deck, A. Delbart, D. Desforges, A. Donati, B. Dubouè, S. Escoffier, F. Farci, B. Frois, P. Girardot, J. Guillotau, C. Henriot, C. Jeanney, M. Juillard, J.-P. Jorda, P. Legou, D. Lhuillier, Y. Lussignol, Ph. Mangeot, X. Martin, F. Marie, J. Martino, M. Maurier, B. Mazeau, J.F. Millot, F. Molinié, J.-P. Mols, J.-P. Mouly, M. Mur, D. Neyret, T. Pédrol, S. Platchkov, G. Pontet, T. Pussieux, Y. Queinec, Ph. Rebourgeard, J.C. Sellier, G. Tarte, C. Veyssière, A. Zakarian, P. Bertin, A. Cosquer, J.P. Chen, J. Mitchell, J.-M. Mackowski and L. Pinard 459 (2001) 412

0168-9002/01/$ - see front matter © 2001 Elsevier Science B.V. All rights reserved
PII: S0168-9002(01)00114-0

High Energy Physics Detectors

A CsI(Tl) scintillating crystal detector for the studies of low-energy neutrino interactions, H.B. Li, Y. Liu, C.C. Chang, C.Y. Chang, J.H. Chao, C.P. Chen, T.Y. Chen, M. He, L. Hou, G.C. Kiang, W.P. Lai, S.C. Lee, J. Li, J.G. Lu, Z.P. Mao, H.Y. Sheng, R.F. Su, P.K. Teng, C.W. Wang, S.C. Wang, H.T. Wong, T.R. Yeh, Z.Y. Zhang, D.X. Zhao, S.Q. Zhao, Z.Y. Zhou and B.A. Zhuang 459 (2001) 93

Light response of pure CsI calorimeter crystals painted with wavelength-shifting lacquer, E. Frlež, Ch. Brönnimann, B. Krause, D. Počanić, D. Renker, S. Ritt, P.L. Slocum, I. Supek and H.P. Wirtz 459 (2001) 426

Readout of a 3 m long scintillating fiber by an avalanche photodiode, T. Okusawa, Y. Sasayama, M. Yamasaki and T. Yoshida 459 (2001) 440

High Energy Physics Systems

Apparatus for a measurement of charge symmetry breaking in $np \to d\pi^0$, D.A. Hutcheon, R. Abegg, E.G. Auld, R.M. Churchman, C.A. Davis, R.M. Finlay, P.W. Green, L.G. Greeniaus, R. Henderson, D.V. Jordan, W. Kellner, E. Korkmaz, A.K. Opper, G.V. O'Rielly, T.A. Porcelli, S.D. Reitzner, G. Sheffer, P.L. Walden and S. Yen 459 (2001) 448

Space Radiation and Neutrino Detectors

A transition radiation detector interleaved with low-density targets for the *NOE* experiment, K.V. Alexandrov, G.C. Barbarino, P. Bernardini, M. Brigida, D. Campana, A. Candela, R. Caruso, F. Cassese, A. Ceres, B. D'Aquino, G. De Cataldo, I. De Mitri, A. Di Credico, C. Favuzzi, P. Fusco, F. Gargano, N. Giglietto, F. Giordano, A. Grillo, F. Guarino, C. Gustavino, E. Lamanna, A. Lauro, A. Leone, F. Loparco, G. Mancarella, D. Martello, M.N. Mazziotta, S. Mikheyev, M. Mongelli, G. Osteria, V. Palladino, G. Passeggio, M. Perchiazzi, G. Pontoniere, A. Rainò, R. Rocco, E. Romanucci, U. Rubizzo, A. Sacchetti, E. Scapparone, P. Spinelli, V. Tikhomirov, A. Vaccina, E. Vanzanella and M. Weber 459 (2001) 108

R&D results from the *NOE* scintillating fiber calorimeter, K.V. Alexandrov, G.C. Barbarino, P. Bernardini, M. Brigida, D. Campana, A. Candela, R. Caruso, F. Cassese, A. Ceres, B. D'Aquino, G. De Cataldo, I. De Mitri, A. Di Credico, C. Favuzzi, P. Fusco, F. Gargano, N. Giglietto, F. Giordano, A. Grillo, F. Guarino, A. Lauro, A. Leone, F. Loparco, G. Mancarella, D. Martello, M.N. Mazziotta, M. Mongelli, G. Osteria, V. Palladino, G. Passeggio, M. Perchiazzi, R. Perrino, C. Pinto, G. Pontoriere, A. Rainò, R. Rocco, E. Romanucci, A. Sacchetti, E. Scapparone, P. Spinelli, A. Surdo, V. Tikhomirov, A. Vaccina, E. Vanzanella, A. Zilli and M. Weber 459 (2001) 123

A new method of ionization-neutron calorimeter for direct investigation of high-energy electrons and primary nuclei of cosmic-rays up to the "knee" region, K.V. Alexandrov, M. Ambrosio, V.V. Ammosov, V.P. Antonova, C. Aramo, V. Bonvicini, V.A. Chechin, A.P. Chubenko, V.I. Drobzhev, A.D. Erlykin, M. Fujii, Y. Hatano, S.V. Kryukov, E.A. Ladygin, B.N. Lomonosov, G.I. Merzon, R.A. Mukhamedshin, V.N. Murashov, V.P. Pavlyuchenko, M.I. Panasyuk, T.M. Roganova, A.S. Roussetski, V.A. Ryabov, O.G. Ryazhskaya, T. Saito, H. Sasaki, A.L. Shchepetov, N.M. Sobolevskii, N.I. Starkov, L.G. Sveshnikova, I.S. Trostin, V.A. Tsarev, A. Vacchi, A. Wolfendale, T. Yanagita, G.T. Zatsepin, G.B. Zhdanov and A.P. Zhukov 459 (2001) 135

Fast and flexible CCD-driver system using fast DAC and FPGA, E. Miyata, C. Natsukari, D. Akutsu, T. Kamazuka, M. Nomachi and M. Ozaki 459 (2001) 157

Light yield measurements in a liquid scintillator detector with wavelength-shifting fibre readout, M. Doucet, J.-P. Fabre, G. Grégoire, J. Panman and P. Zucchelli 459 (2001) 459

Phase transition study of superheated planar arrays of tin cylinders, S. Casalbuoni, G. Czapek, F. Hasenbalg, M. Hauser, S. Janos, K. Pretzl, S. Calatroni, S. Sgobba and W. Vollenberg 459 (2001) 469

Nuclear Spectroscopy

Searching γ-ray coincidence cubes for independent decay sequences, A.G. Smith, P.J. Dagnall, S.D. Robinson, R.M. Wall and J.N. Wilson 459 (2001) 165

Thin ice target for $^{16}O(p,p')$ experiment, T. Kawabata, H. Akimune, H. Fujimura, H. Fujita, Y. Fujita, M. Fujiwara, K. Hara, K. Hatanaka, K. Hosono, T. Ishikawa, M. Itoh, J. Kamiya, M. Nakamura, T. Noro, E. Obayashi, H. Sakaguchi, Y. Shimbara, H. Takeda, T. Taki, A. Tamii, H. Toyokawa, N. Tsukahara, M. Uchida, H. Ueno, T. Wakasa, K. Yamasaki, Y. Yasuda, H.P. Yoshida and M. Yosoi 459 (2001) 171

Highly sensitive radon monitor and radon emanation rates for detector components, E. Choi, M. Komori, K. Takahisa, N. Kudomi, K. Kume, K. Hayashi, S. Yoshida, H. Ohsumi, H. Ejiri, T. Kishimoto, K. Matsuoka and S. Tasaka 459 (2001) 177

The determination of ^{125}I activity using sum-peak method with a well-type HPGe-detector-based spectrometer, Z. Wang, X. Zhang, Y. Chang and D. Liu 459 (2001) 475

Gamma, X-Ray and Charged Particle Detectors

Development of a depth of interaction detector for γ-rays, H. Liu, T. Omura, M. Watanabe and T. Yamashita 459 (2001) 182

Measurement of the response characteristics around K absorption edges of dead-layer materials of a charge-coupled device, K. Mori, M. Shouho, H. Katayama, S. Kitamoto, H. Tsunemi, K. Hayashida, E. Miyata, M. Ohta, T. Kohmura, K. Koyama, M.W. Bautz, R. Foster and S. Kissel 459 (2001) 191

Surface barrier detectors using aluminum on n- and p-type silicon for α-spectroscopy, H. Rahab, A. Keffous, H. Menari, W. Chergui and N. Boussaa 459 (2001) 200

Detection of heavy ions by a superconducting tunnel junction, H. Sato, T. Ikeda, K. Kawai, H. Miyasaka, T. Oku, W. Ootani, C. Otani, H.M. Shimizu, Y. Takizawa, H. Watanabe, K. Morimoto and F. Tokanai 459 (2001) 206

The MICROMEGEM detector, O. Bouhali, G. De Lentdecker, S. Dewèze, F. Udo, W. Van Doninck, C. Vander Velde, L. Van Lancker, V. Zhukov, I. Boulogne and E. Daubie 459 (2001) 211

A new heavy and radiation-hard Cherenkov radiator based on $PbWO_4$, M. Kobayashi, S. Sugimoto, Y. Yoshimura, Y. Usuki, M. Ishii, N. Senguttuvan, K. Tanji and M. Nikl 459 (2001) 482

Beam test of a very large area linear silicon drift detector, V. Bonvicini, P. Giubellino, M. Idzik, A. Kolojvari, L.M. Montaño, D. Nouais, C. Petta, N. Randazzo, A. Rashevsky, S. Reito, F. Tosello and A. Vacchi 459 (2001) 494

Two large-area anode-pad MICROMEGAS chambers as the basic elements of a pre-shower detector, L. Aphecetche, H. Delagrange, D.G. d'Enterria, M. Le Guay, X. Li, G. Martínez, M.J. Mora, P. Pichot, D. Roy and Y. Schutz 459 (2001) 502

Beam test results of a resistive plate chamber made of Chinese bakelites, J. Ying, Y.L. Ye, Y. Ban, H.T. Liu, Z.M. Zhu, Z.Y. Zhu, T. Chen, J.G. Ma and S.J. Qian 459 (2001) 513

Spatial resolution in micromegas detectors, J. Derré, Y. Giomataris, H. Zaccone, A. Bay, J.-P. Perroud and F. Ronga 459 (2001) 523

Nuclear recoil detection with microchannel plates, J. Mosher, C. Iliadis, P.F. Bertone, A.E. Champagne, J.G. Ross and A. Stephan 459 (2001) 532

X-ray-induced radiation damage in CsI, Gadox, Y_2O_2S and Y_2O_3 thin films, A.S. Tremsin, J.F. Pearson, A.P. Nichols, A. Owens, A.N. Brunton and G.W. Fraser 459 (2001) 543

Neutron Physics

Electronic time-focusing of pulsed-source neutron chopper data: binning to minimize effects of proton pulse and chopper opening time variations, J.M. Carpenter, K.C. Littrell, D.L. Abernathy and E.B. Iverson 459 (2001) 221

A 4π BaF_2 detector for (n,γ) cross-section measurements at a spallation neutron source, M. Heil, R. Reifarth, M.M. Fowler, R.C. Haight, F. Käppeler, R.S. Rundberg, E.H. Seabury, J.L. Ullmann, J.B. Wilhelmy and K. Wisshak 459 (2001) 229

A neutron detector for cold fusion experiments, E. Cisbani, G.M. Urciuoli, S. Frullani, F. Garibaldi, F. Giuliani, D. Gozzi, M. Gricia, M. Iodice, M. Lucentini and F. Santavenere 459 (2001) 247

Ultracold and cold neutron cross-sections of liquid helium at low temperatures down to 0.1 K, Y. Abe and N. Morishima 459 (2001) 256

Intensity optimisation of a high-resolution ToF diffractometer, F. Demmel, Ph. Bernhardt, A. Magerl and E. Steichele 459 (2001) 265

Medical Applications and Dosimetry

Measurement of absorbed dose distributions in a plastic phantom irradiated by 40- and 65-MeV quasi-monoenergetic neutrons, Y. Nakane and Y. Sakamoto 459 (2001) 552

Computer Automated Measurement and Control

Multi-channel analog processor with 5×10^5 : 1 dynamic range for registration of interaction at super-high energies in the cosmic rays, Yu.A. Eremenko, Yu.G. Kalinin, I.S. Martỳanov, T.Kh. Sadykov and N.N. Zastrozhnova 459 (2001) 273

An automatic device for the quality control of large-scale crystal's production, S. Baccaro, B. Borgia, M. Castellani, A. Cecilia, I. Dafinei, M. Diemoz, S. Guerra, E. Longo, M. Montecchi, G. Organtini and F. Pellegrino . . . 459 (2001) 278

An instrument for precision magnetic measurements of large magnetic structures, D. Beltrán, J. Bordas, J. Campmany, A. Molins, J.A. Perlas and M. Traveria 459 (2001) 285

Electronics

An ASIC for multichannel data acquisition systems, A. Aizza, G. Bernacchia, S. Carrato, S. Marsi, G. Cautero and R. Tommasini 459 (2001) 295

A preamplifier with digital output for semiconductor detectors, T. Menezes and E.J. Morton 459 (2001) 303

Numerical and Data Analysis

Simulation of UHE muons propagation for GEANT3, S. Bottai and L. Perrone 459 (2001) 319

Fission, Fusion, Spallation and Heavy Ions

^{13}C active target for hypernuclear experiment, S. Ajimura, R.E. Chrien, T. Kishimoto, H. Kohri, K. Matsuoka, M. May, S. Minami, Y.S. Miyake, T. Mori, J. Nakano, H. Noumi, A. Rusek, E. Saji, A. Sakaguchi, Y. Shimizu, M. Sumihama and T. Tamagawa 459 (2001) 326

Preparation of thin plastic conductive foils for use in a position-sensitive micro-channel plate detector system, J.P. Greene, C.J. Lister, P. Reiter, G.E. Thomas and K.L. Unterzuber 459 (2001) 334

Synchrotron Radiation Research

Proposal for a femtosecond X-ray detector, B. Adams 459 (2001) 339

Double-undulator tests of a diamond monochromator at the Advanced Photon Source, P.B. Fernandez, W.K. Lee, D.M. Mills, G. Tajiri and L. Assoufid 459 (2001) 347

Special Applications

Deconvolution of an extended object viewed by a lobster-eye telescope, A.G. Peele 459 (2001) 354

Neutron tomographic fissile assay in spent fuel using the lead slowing down time spectrometer, Y.-D. Lee, R.C. Block, R.E. Slovacek, D.R. Harris and N.M. Abdurrahman 459 (2001) 365

Gamma-ray Compton camera imaging with a segmented HPGe, G.J. Schmid, D.A. Beckedahl, J.E. Kammeraad, J.J. Blair, K. Vetter and A. Kuhn 459 (2001) 565

Effects of soil moisture on the detection of buried explosives by radiative neutron capture, S. Pesente, M. Cinausero, D. Fabris, E. Fioretto, M. Lunardon, G. Nebbia, G. Prete and G. Viesti 459 (2001) 577

Letters to the Editor

Detection of X-ray transition radiation by the threshold-efficiency method, A.V. Bagulya and V.M. Grichine . 459 (2001) 377

Application of a total absorption detector to Q_β determination without the knowledge of the decay scheme, M. Shibata, Y. Kojima, H. Uno, K. Kawade, A. Taniguchi, Y. Kawase, S. Ichikawa, F. Maekawa and Y. Ikeda 459 (2001) 581